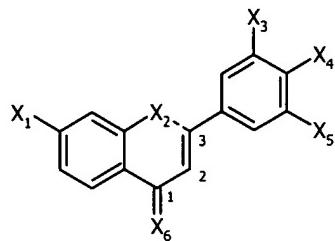


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) Substituted 1,3-diphenylprop-2-en-1-one derivative, characterized in that it is represented by formula (I) below :



(I)

in which :

X1 represents a halogen or a -R1 group or a group corresponding to the following formula : -G1-R1,

X2 represents a hydrogen atom or a thionitroso group or a hydroxy group or an alkylcarbonyloxy or an unsubstituted alkylloxy group or a thiol group or an alkylthio group or an alkylcarbonylthio group, X2 can also represent an oxygen or sulfur atom bound to carbon 3 of the propene chain, so as to form a derivative of the type 2-phenyl-4H-1-benzopyran-4-one,

X3 represents a -R3 group or a group corresponding to the following formula : -G3-R3,

X4 represents a halogen or a thionitroso group or a -R4 group or a group corresponding to the following formula : -G4-R4,

X5 represents a -R5 group or a group corresponding to the following formula : -G5-R5,

X6 is an oxygen atom or a nitrogen atom, in the case where X6 is a nitrogen atom, it carries a hydrogen atom or a hydroxy group or an alkyloxy group.

R1, R3, R4, R5, which are the same or different, represent a hydrogen atom or an alkyl group substituted or not by a substituent which is part of group 1 or group 2 defined hereinbelow,

G1, G3, G4, G5, which are the same or different, represent an oxygen or sulfur atom,

with at least one of the groups X1, X3, X4 or X5 corresponding to the formula -G-R, and

with at least one of the groups R1, R3, R4 or R5 present in the form of an alkyl group containing at least one substituent from group 1 or 2, said alkyl group being bound directly to the ring or being associated with a group G according to the formula -GR,

substituents from group 1 are selected in the group consisting of carboxy groups corresponding to the formula : -COOR₆ and carbamoyl groups corresponding to the formula : -CONR₆R₇,

substituents from group 2 are selected in the group consisting of sulfonic acid (-SO₃H) and sulfonamide groups corresponding to the formula : -SO₂NR₆R₇,

with R₆ and R₇, which are the same or different, representing a hydrogen atom or an alkyl group possibly substituted by at least one group of the type 1 or 2,

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof,

with the exception of compounds represented by formula (I) in which :

- X_1 , X_2 , X_3 and X_5 each represent a hydrogen atom, X_6 represents an oxygen atom and X_4 represents a group corresponding to the formula $-O-CR_8R_9-COOR_{10}$, where R_8 and R_9 , which are the same or different, represent a C1 to C2 alkyl group, and R_{10} represents a hydrogen atom or a C1 to C7 alkyl group, and
- X_2 , X_3 and X_5 each represent a hydrogen atom, X_1 represents a halogen atom or a R_1 or $-G_1R_1$ group, where R_1 represents an unsubstituted C1-C2 alkyl group and G_1 represents an oxygen atom, X_6 represents an oxygen atom and X_4 represents a group corresponding to the formula $-O-CR_{11}R_{12}-COOR_{10}$, where R_{11} and R_{12} , which are the same or different, represent a hydrogen atom or a C1 to C2 alkyl group, and R_{10} represents a hydrogen atom or a C1 to C7 alkyl group, and
 - X_2 represents a hydrogen atom and X_1 represents $-G_1R_1$ where G_1 represents an oxygen atom and R_1 represents CH₂COOH.

Claims 2-37. (canceled)